

ABSTRACT OF THE DISCLOSURE

A fluid coupling device comprising, a drive shaft rotated by a rotational torque of an driving source; a case rotatably supported on the drive shaft and forming a space, a rotor disposed in the space and fixed to the drive shaft and forming a fluid reservoir chamber, an operation chamber formed between the rotor and the case, a flow passage communicating with the fluid reservoir chamber, a flow hole formed in the rotor and the operation chamber, a valve disposed in the fluid reservoir chamber for operating the opening and closing of the flow hole, a rod rotatably disposed in the drive shaft and fixed to the valve, a magnet integrally rotated with the rod and a coil that generates a force in opposite direction to a rotational direction of the drive shaft.